

Fig. 1

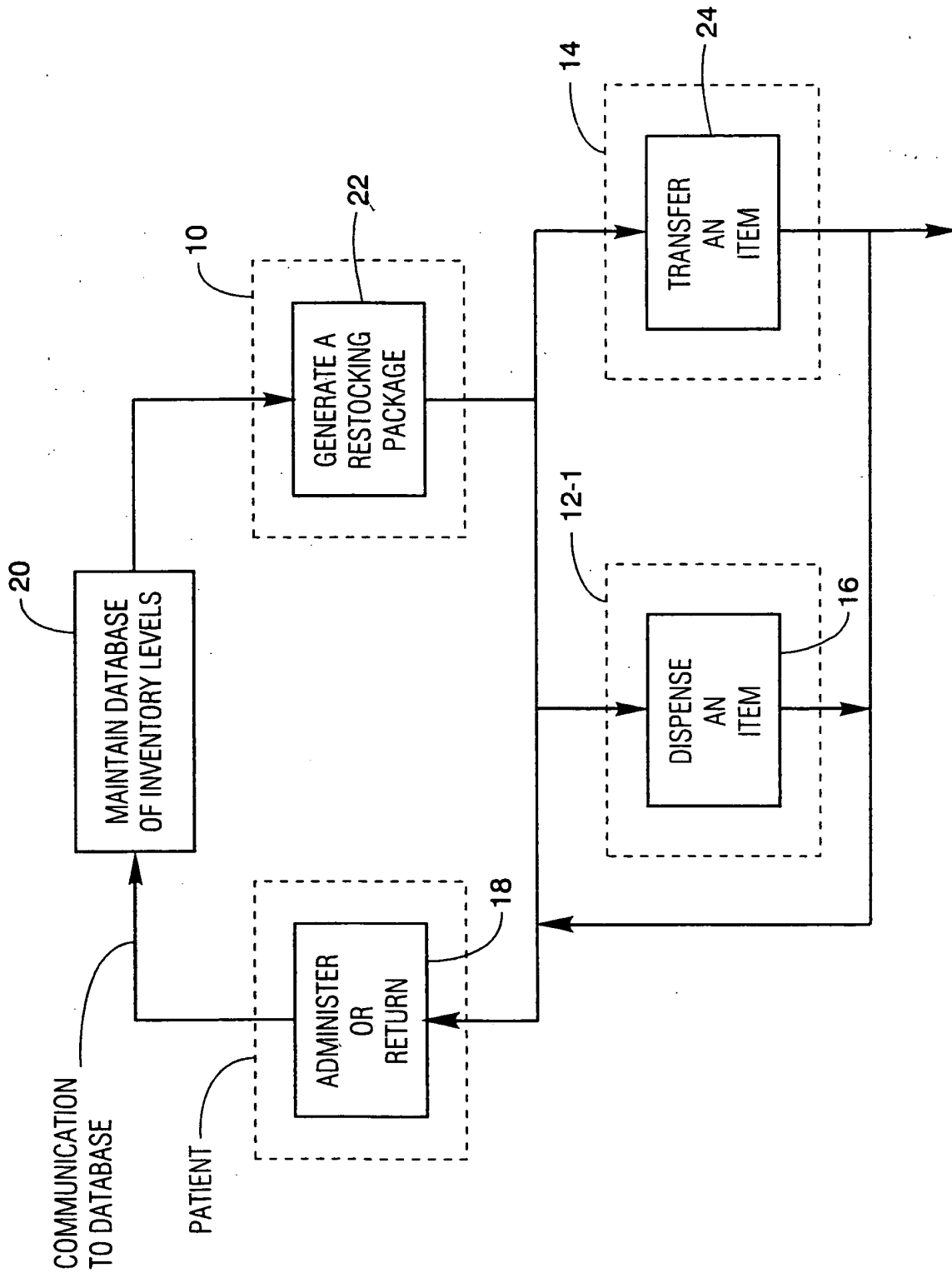


Fig. 2

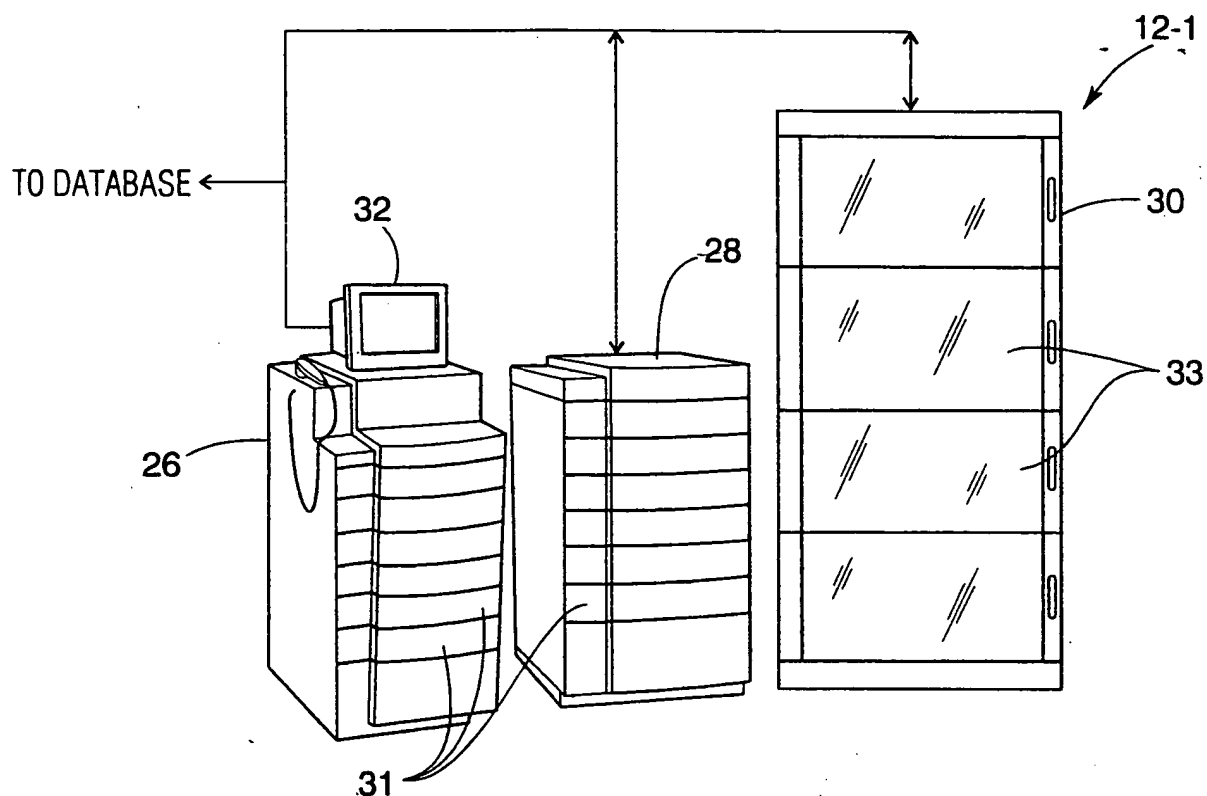


Fig.3

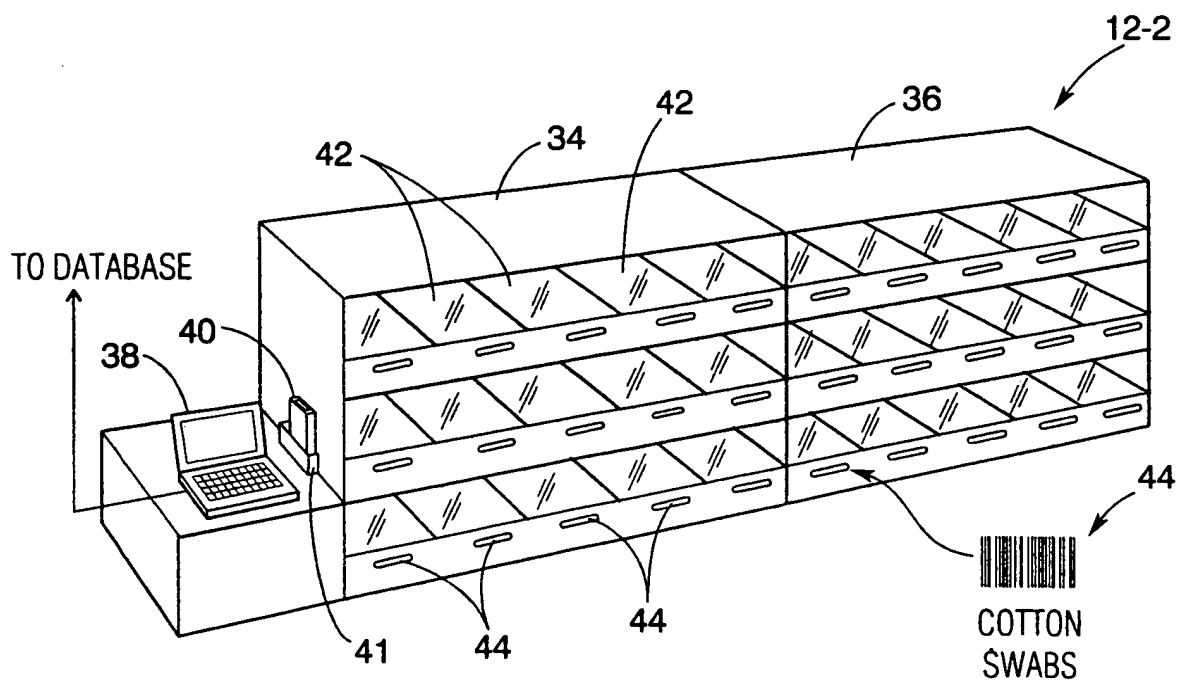


Fig.4

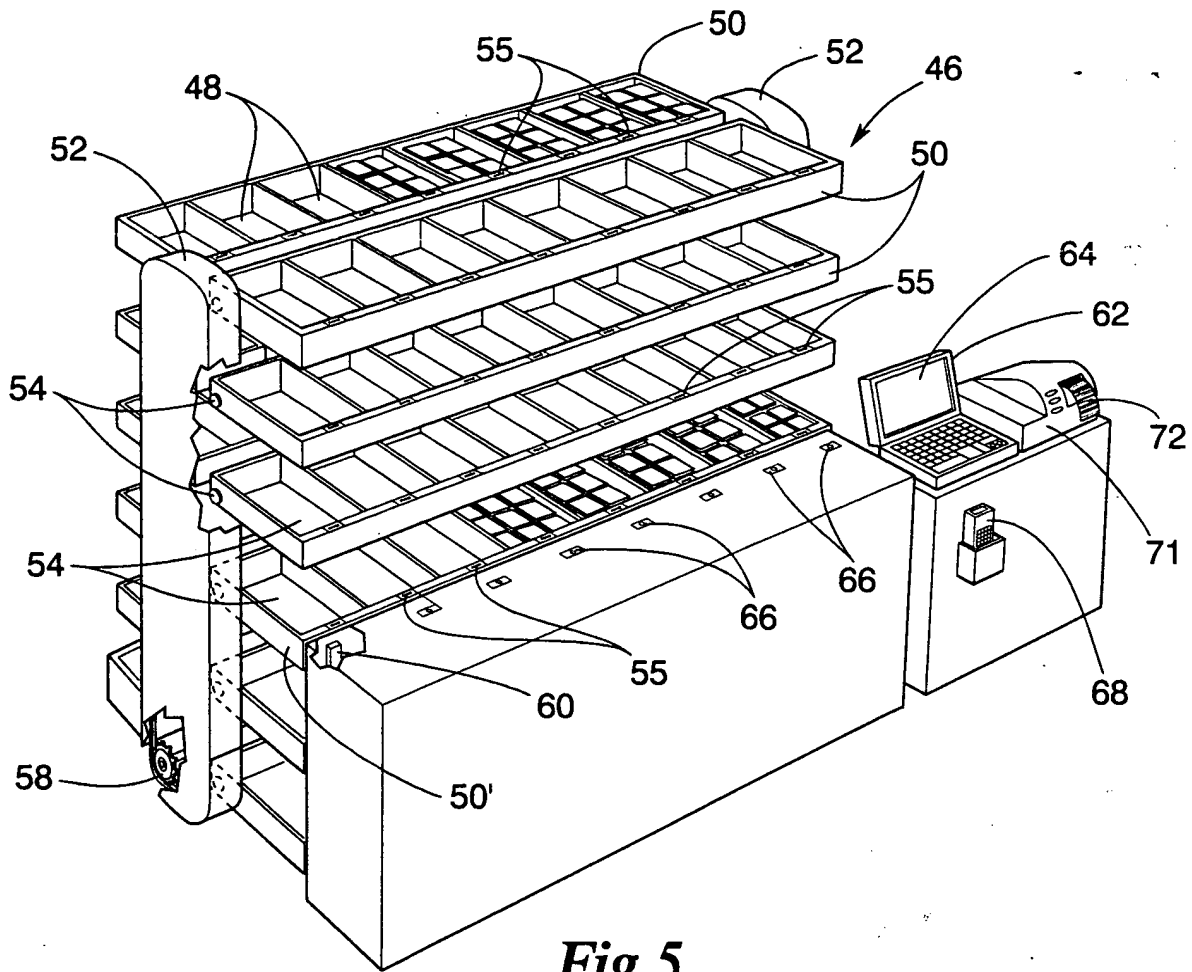


Fig.5

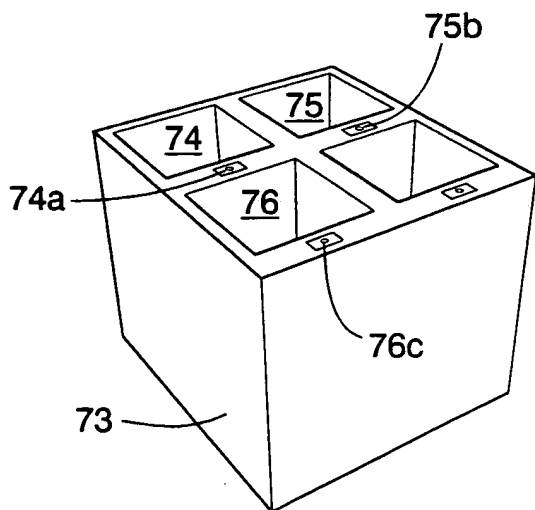


Fig.5a

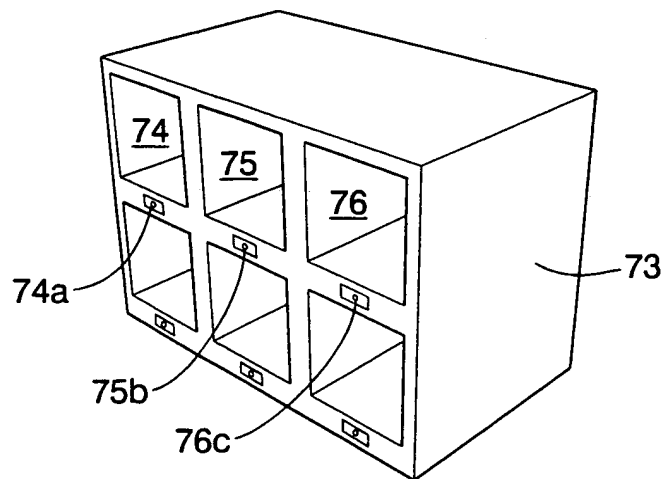
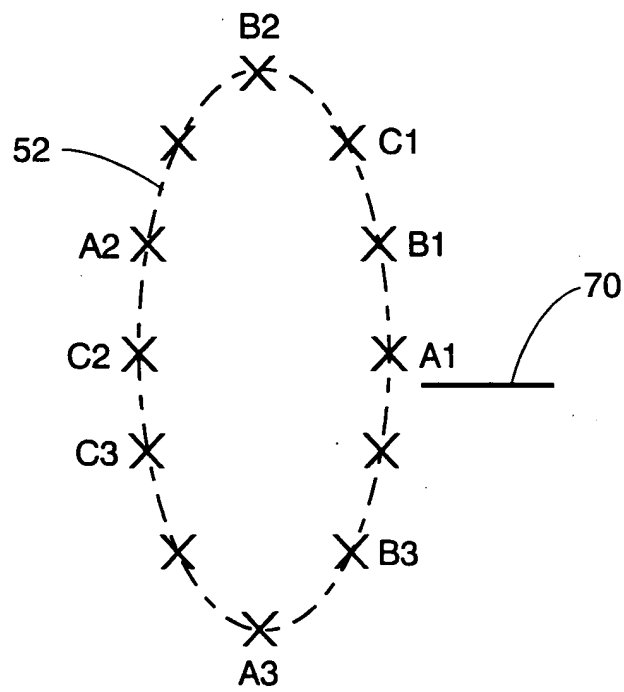
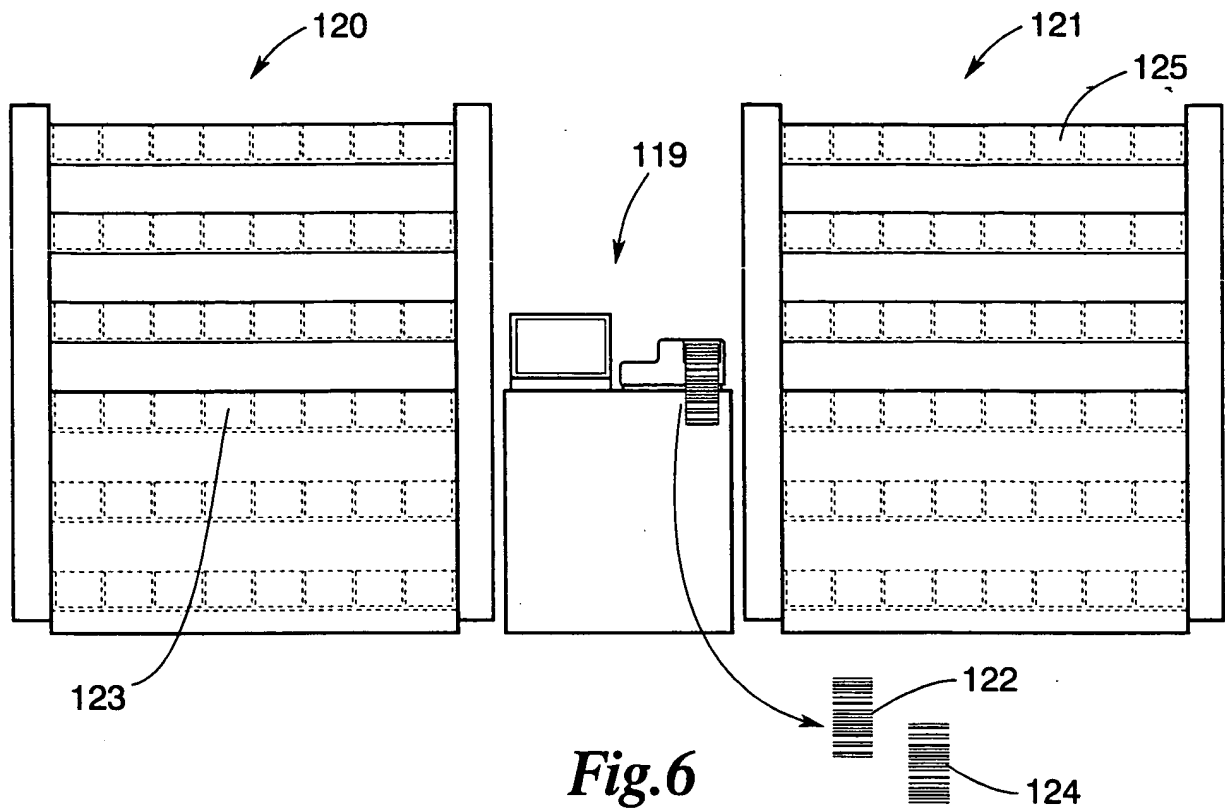


Fig.5b



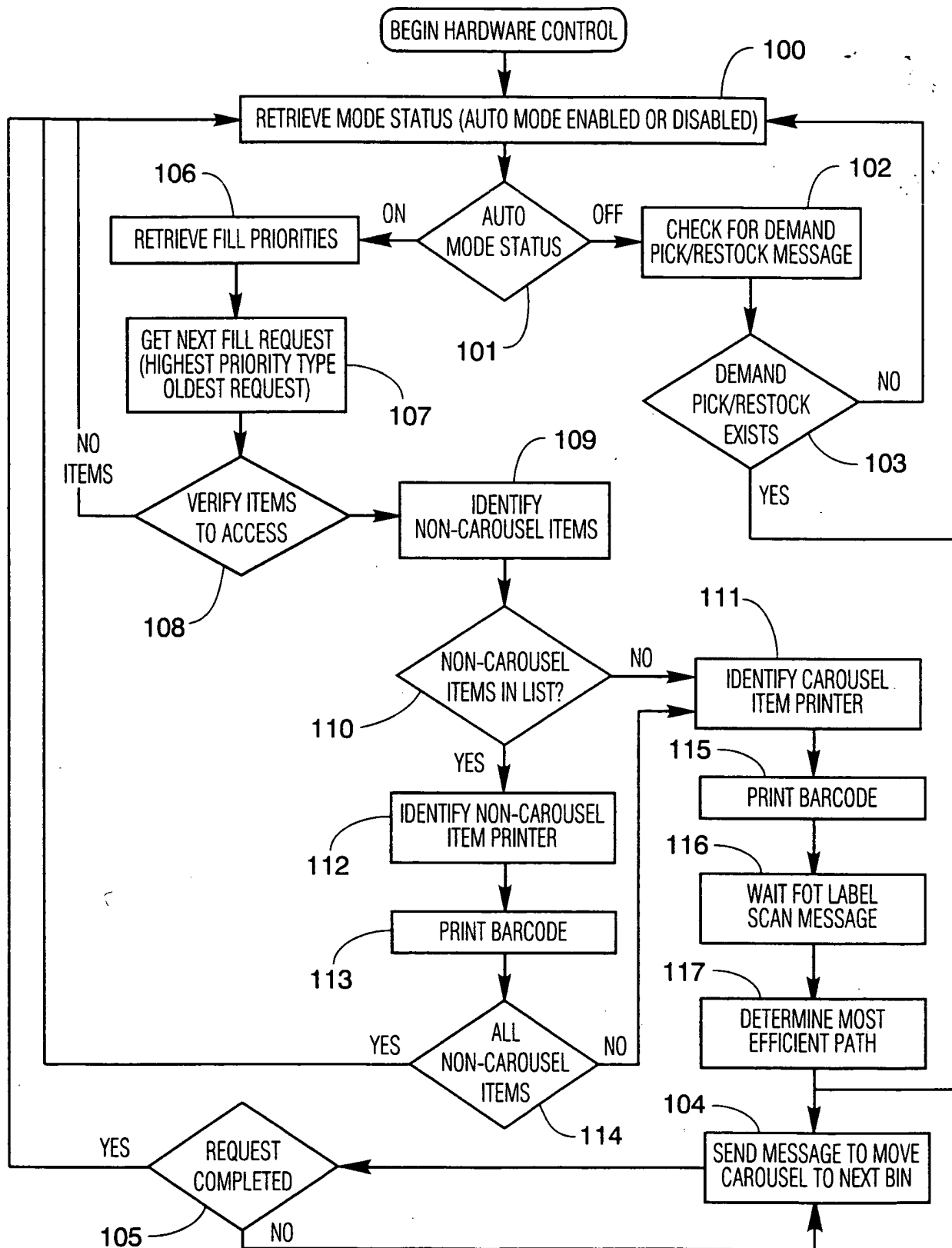


Fig.8

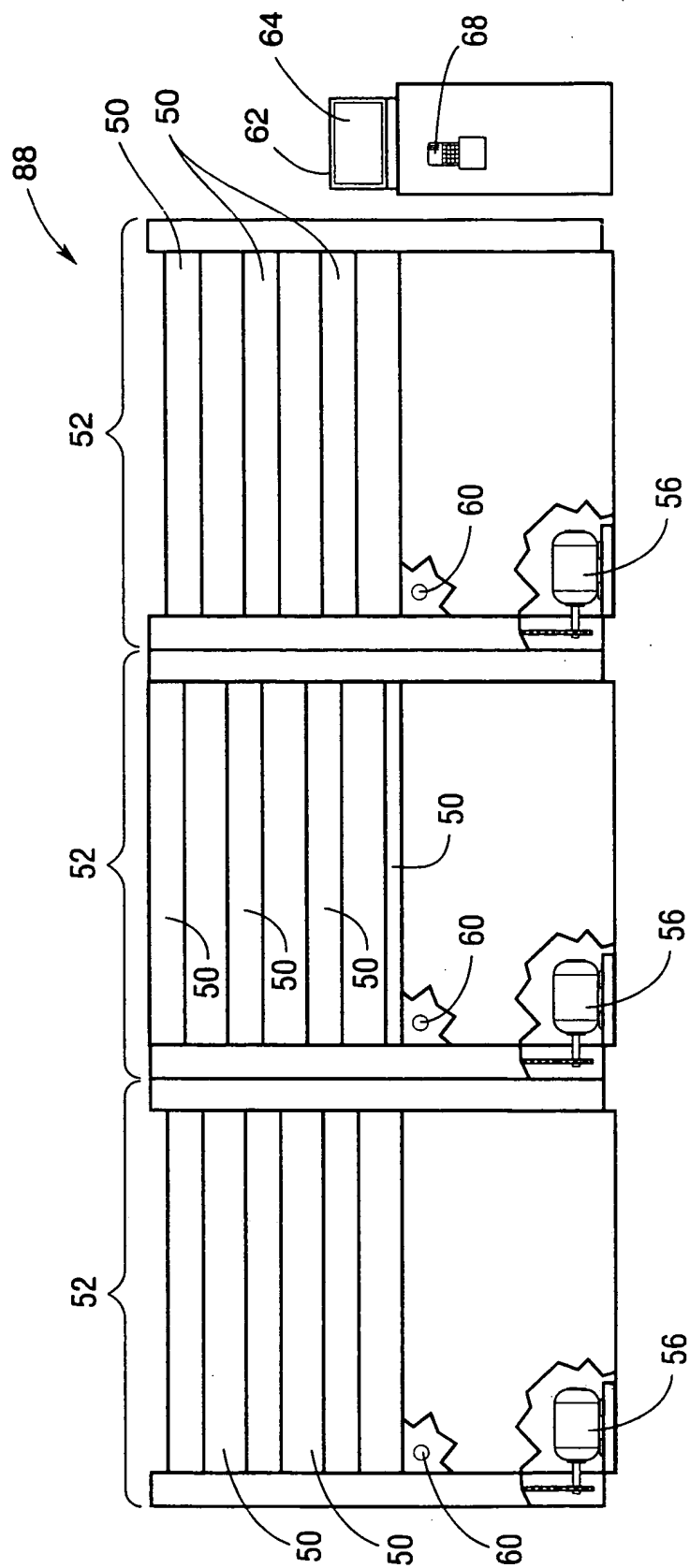


Fig. 9

FIG. 10

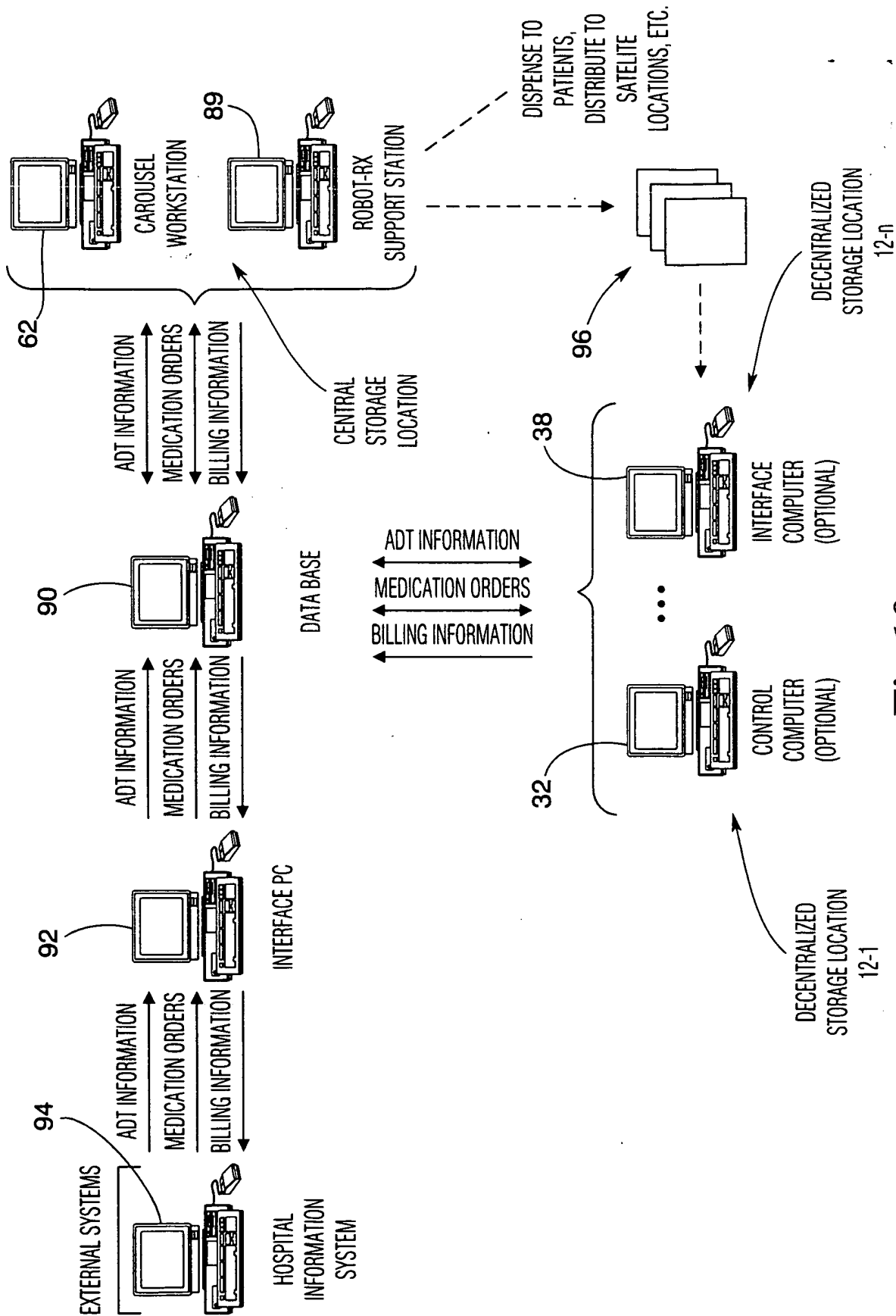


Fig. 10

U.S. PATENT OFFICE

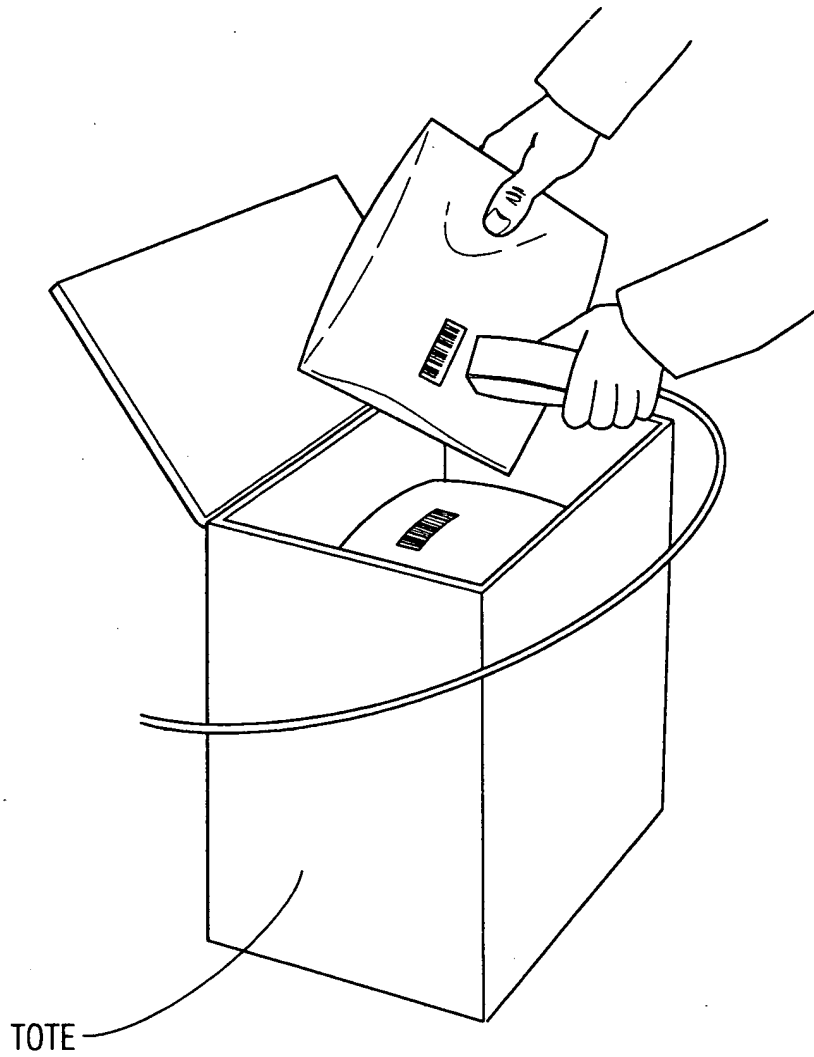
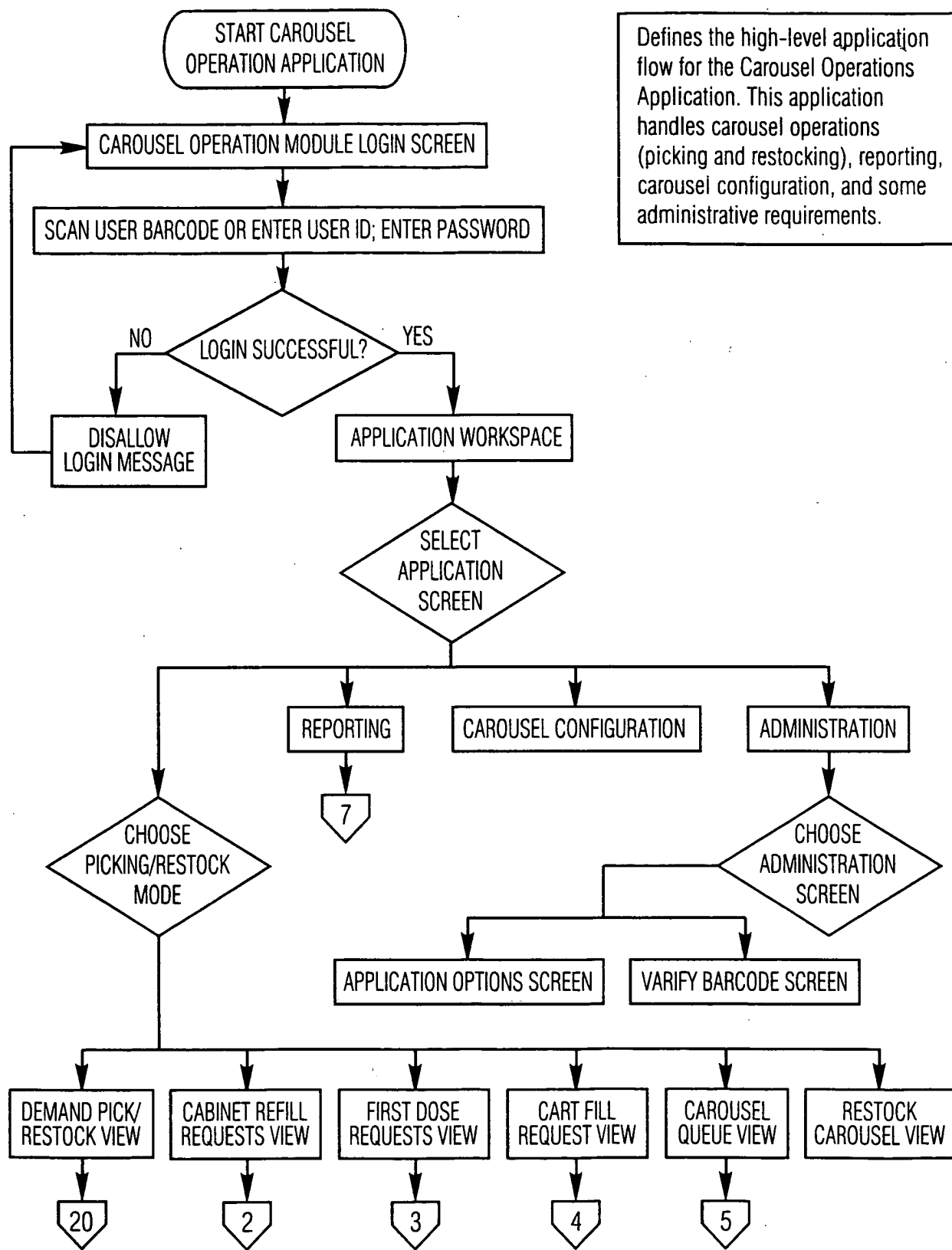
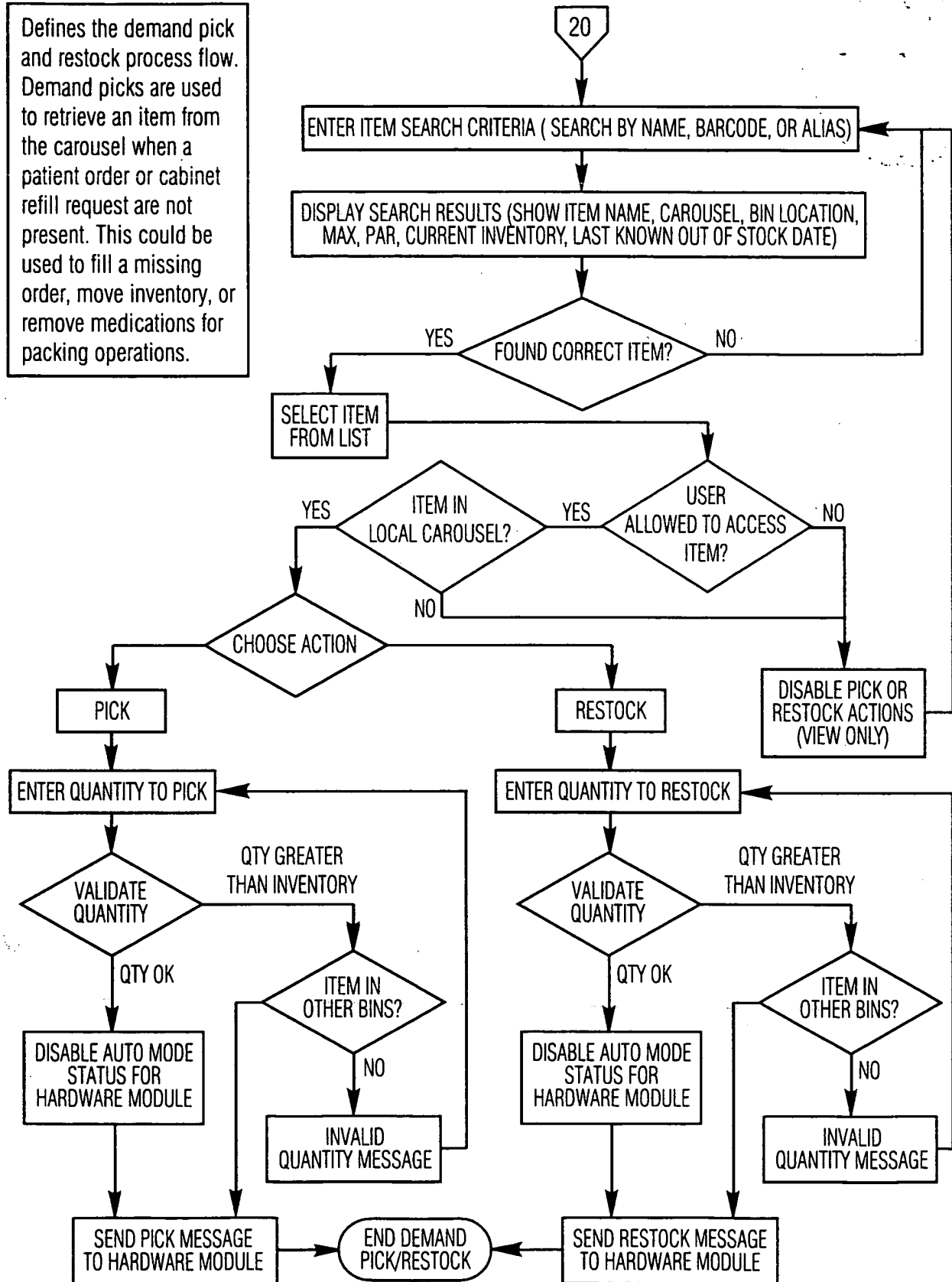


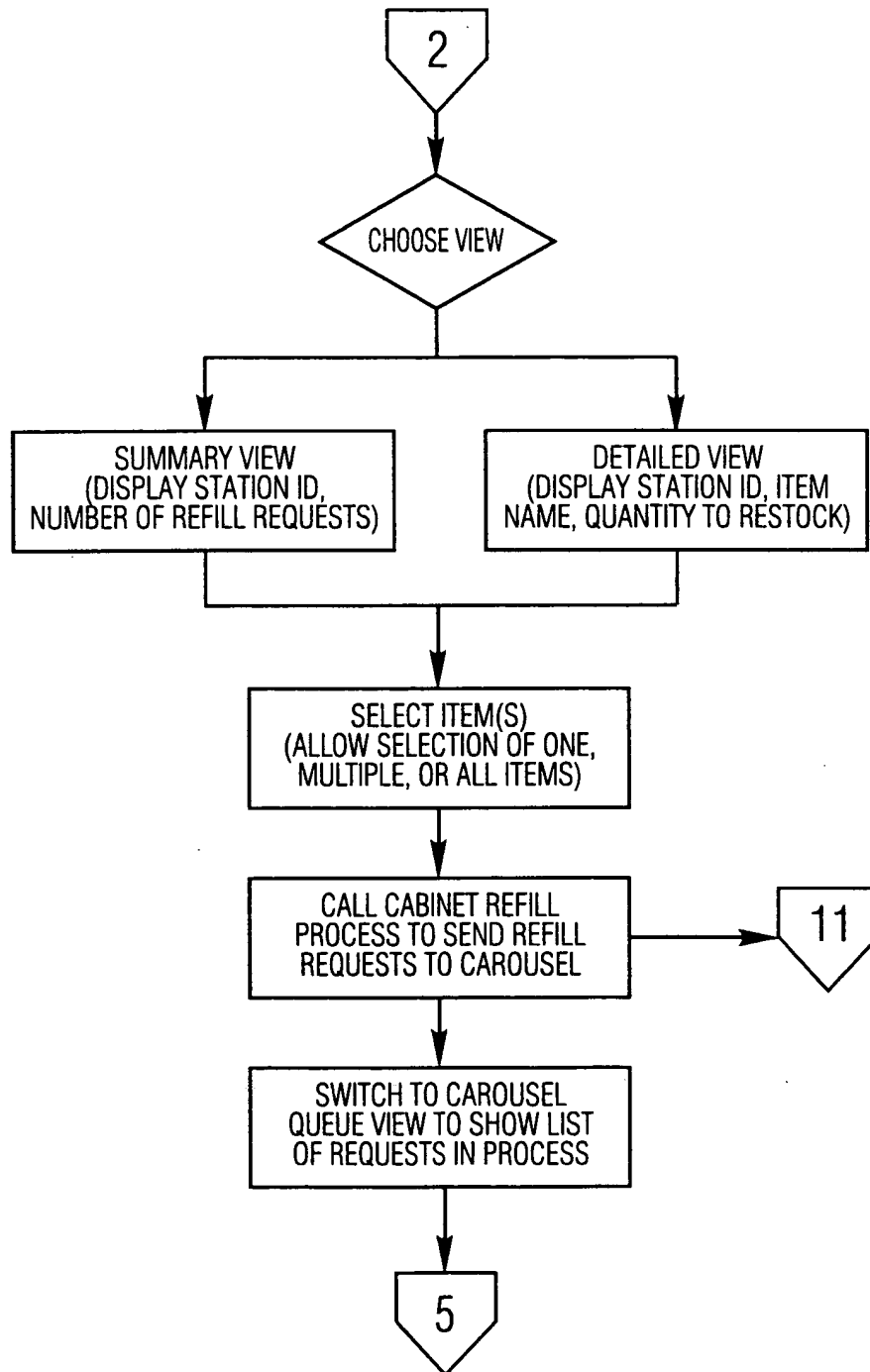
Fig.11



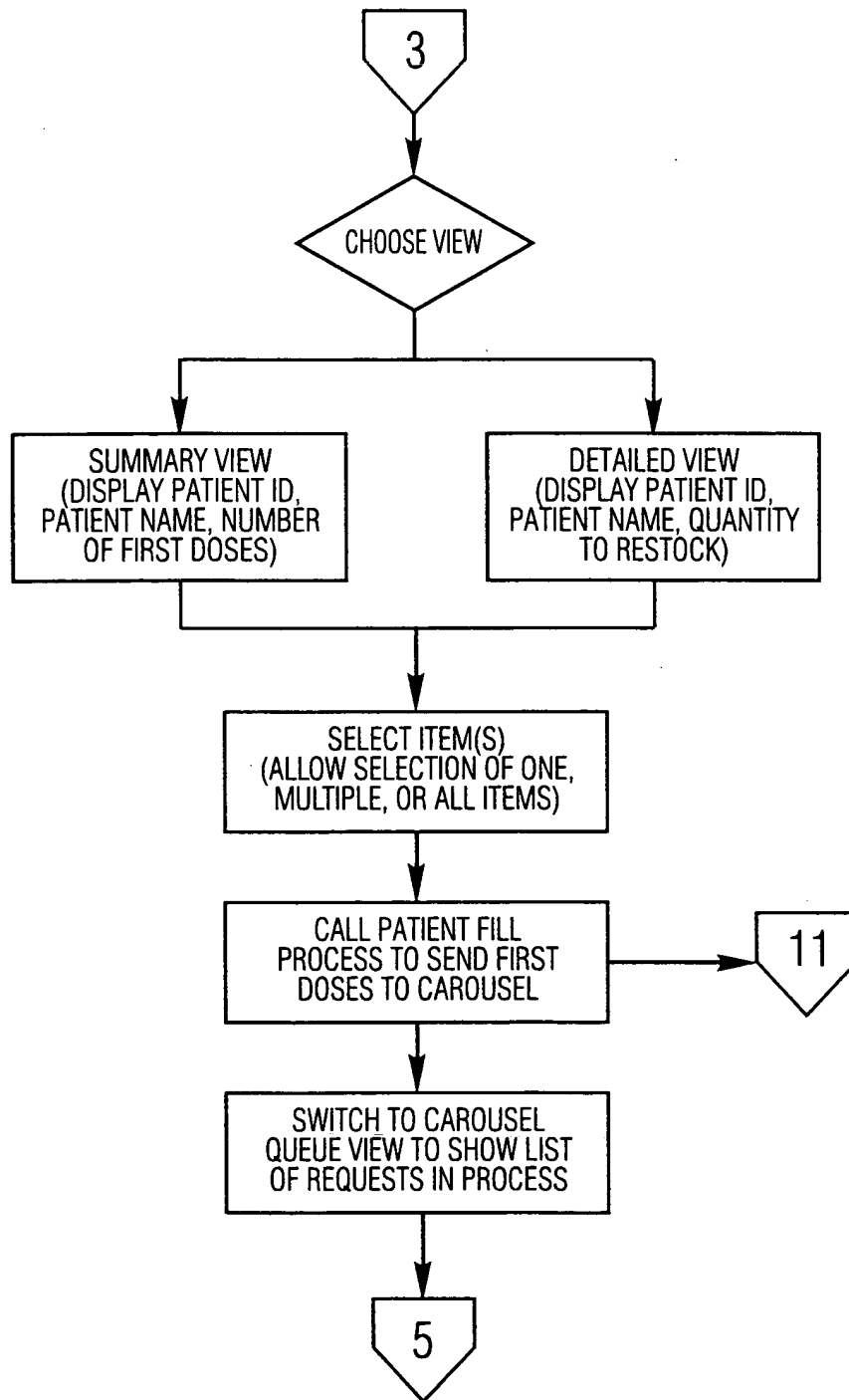
Defines the demand pick and restock process flow. Demand picks are used to retrieve an item from the carousel when a patient order or cabinet refill request are not present. This could be used to fill a missing order, move inventory, or remove medications for packing operations.



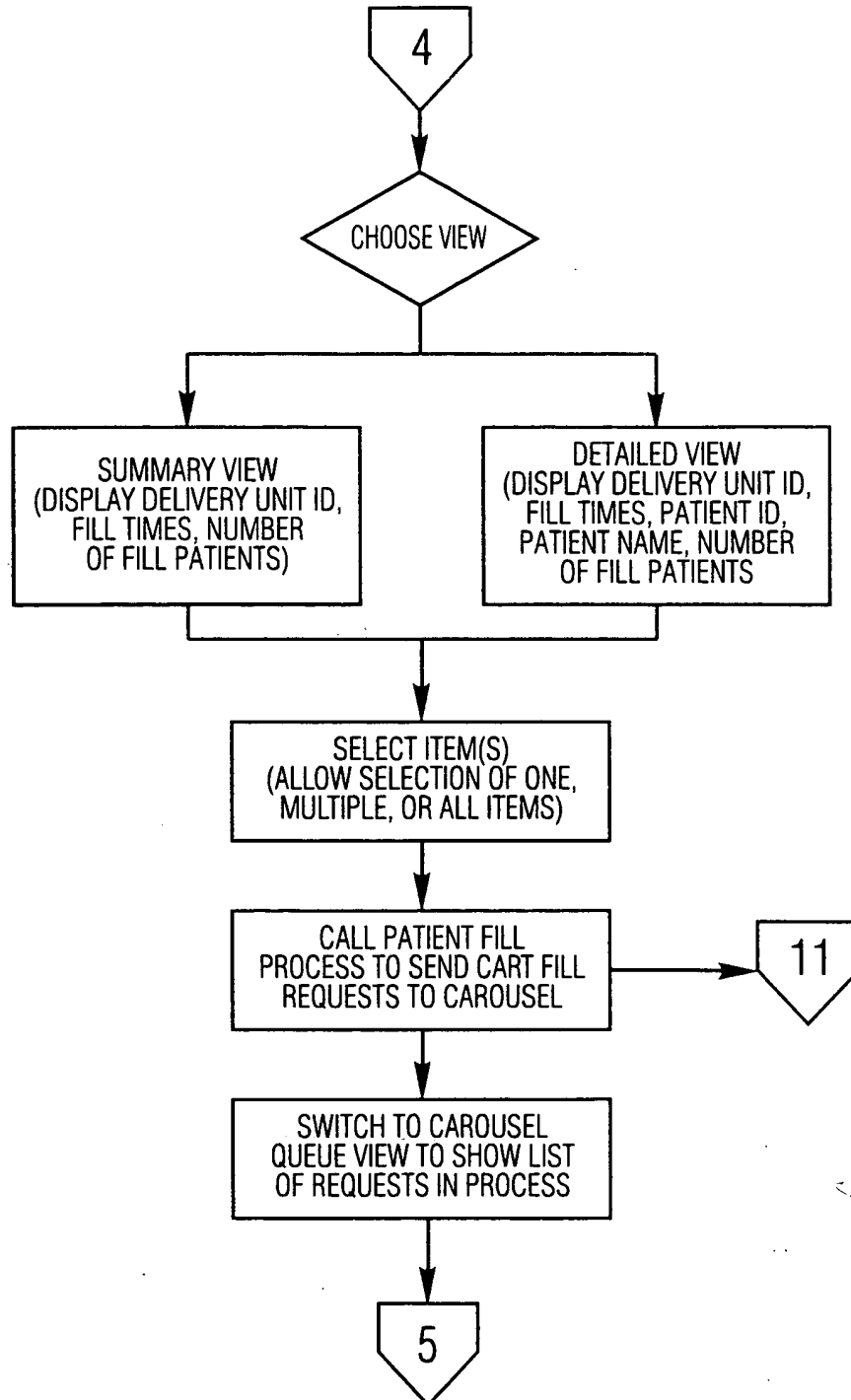
Defines the cabinet refilling process. This allows the viewing of queued cabinet refill requests and the ability to selectively send these requests on a station or individual request level to the carousel.



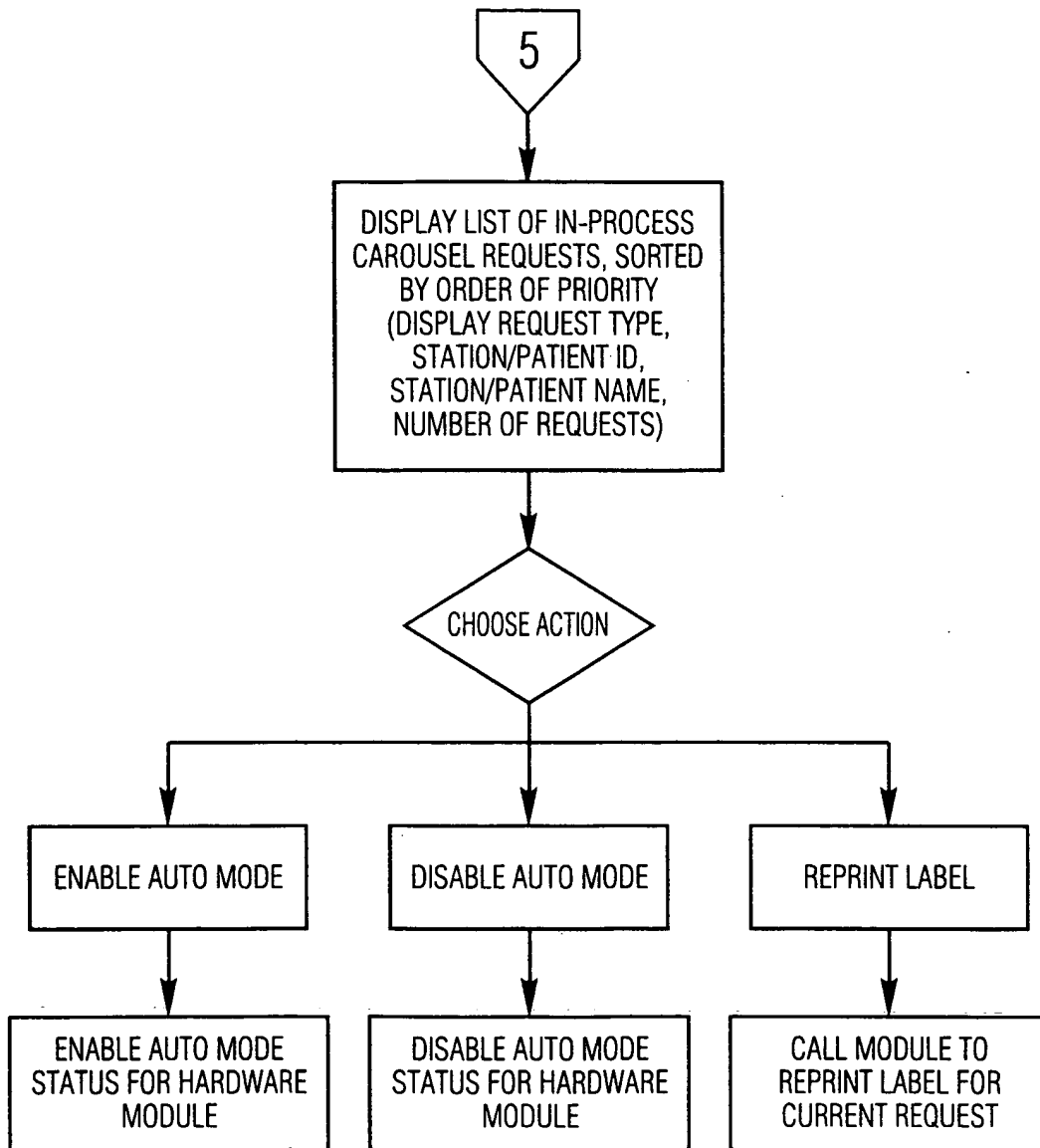
Defines the patient first dose filling process. This allows the viewing of queued first doses and the ability to selectively send these requests on a patient or individual request level to the carousel.

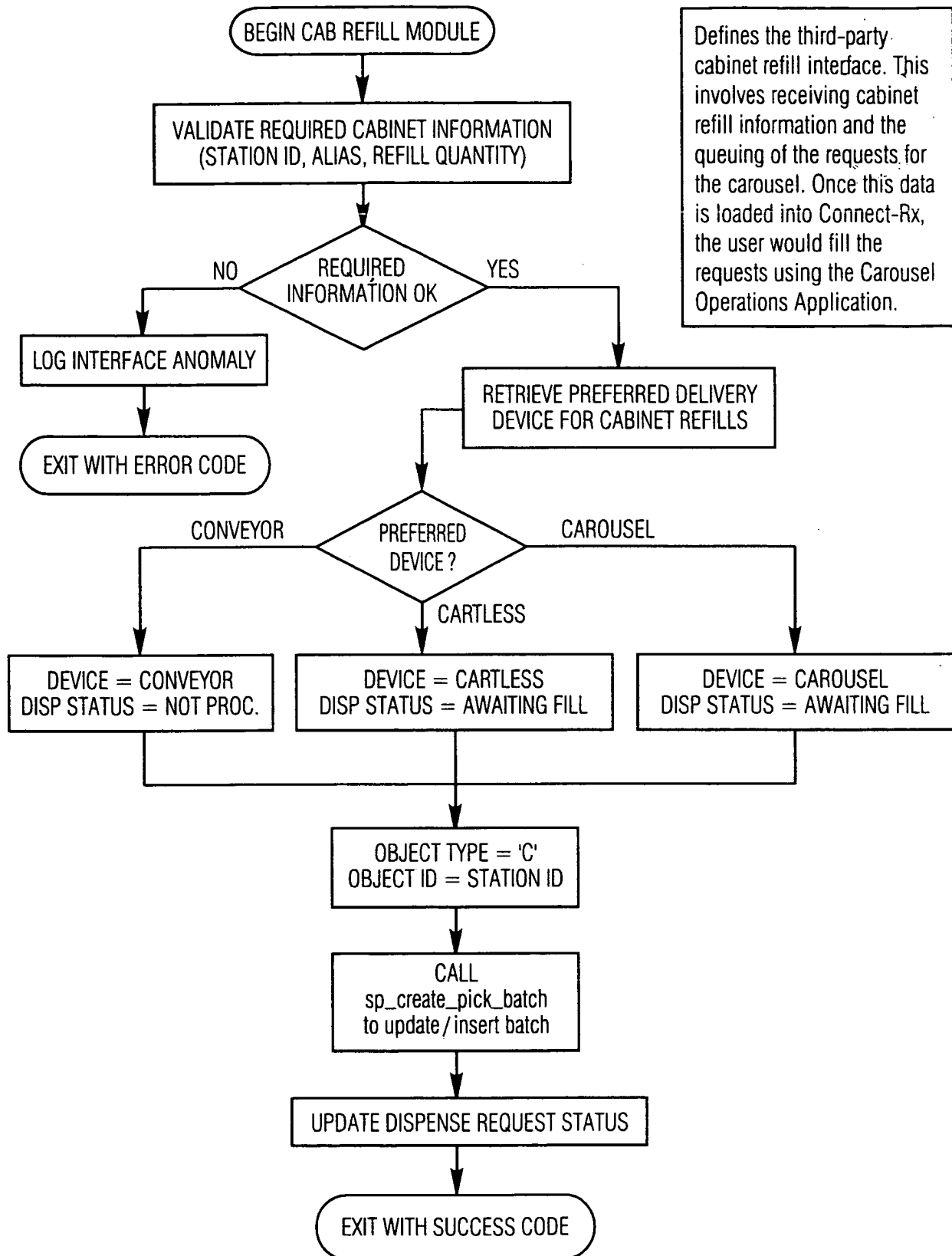


Defines the patient cart filling process. This allows the viewing of queued cart fill dispenses and the ability to selectively send these requests on a delivery unit or patient level to the carousel.



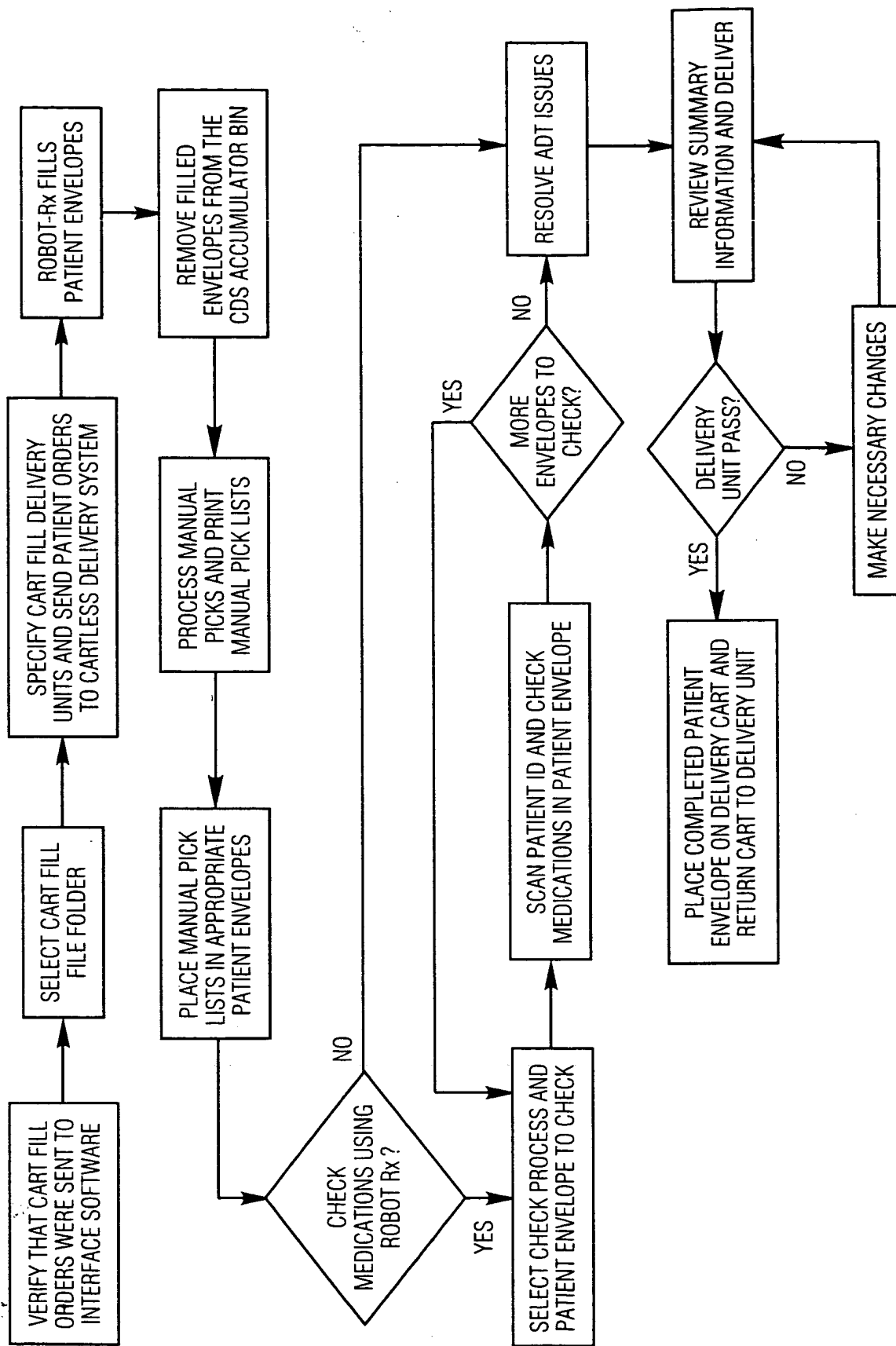
Defines the processing flow of the carousel queue screen. This screen displays the requests that have been sent to the carousel, including the request currently being processed and the requests that are waiting behind the current request. In auto-mode, the carousel will automatically move to the next request.





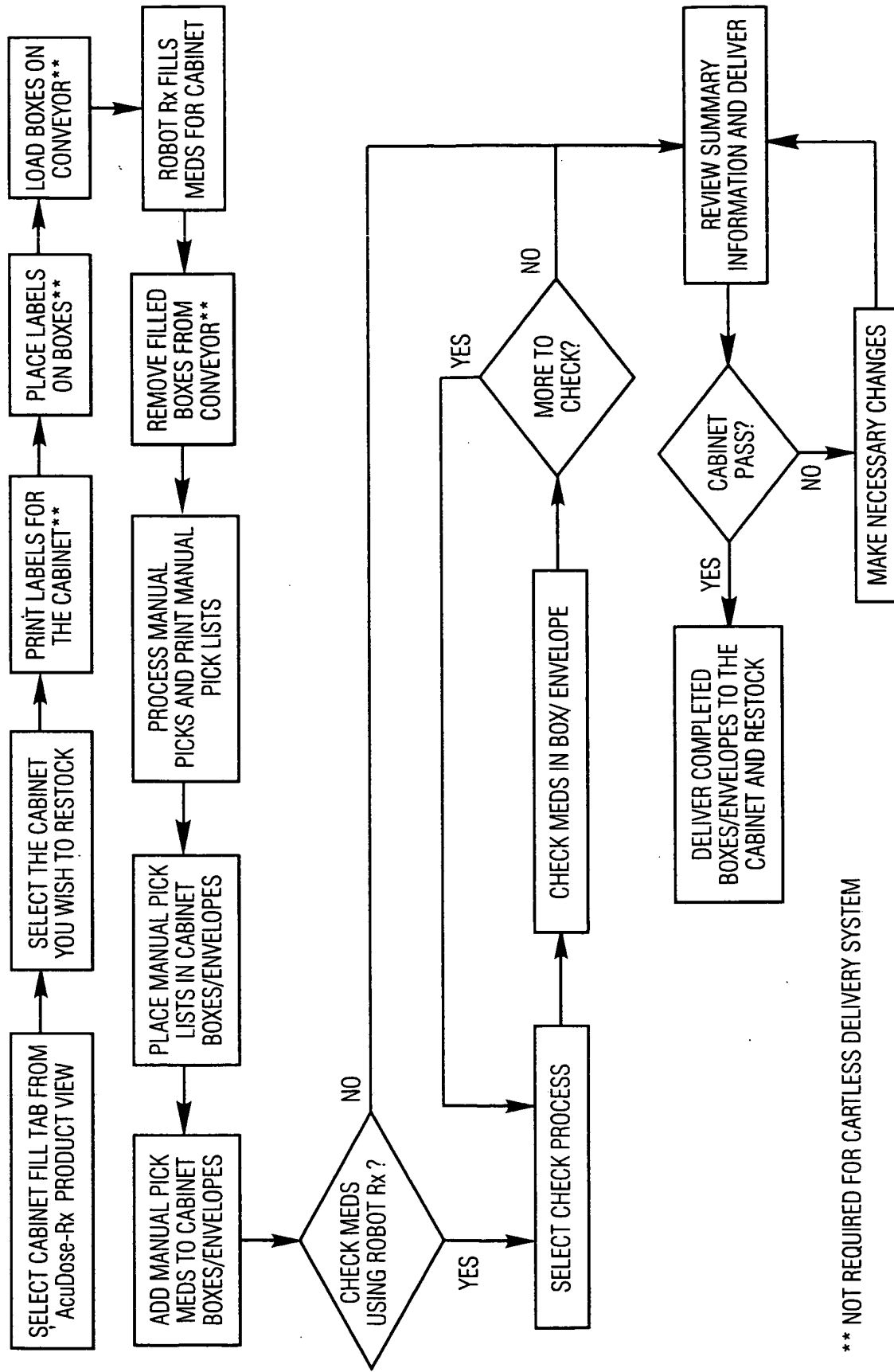
ROBOT PATIENT FILL PROCESS

CART FILL PROCESS WITH CARTLESS DELIVERY SYSTEM



ROBOT CABINET FILL PROCESS

CABINET RESTOCKING PROCESS



** NOT REQUIRED FOR CARTLESS DELIVERY SYSTEM